

538, 085

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
1 July 2004 (01.07.2004)

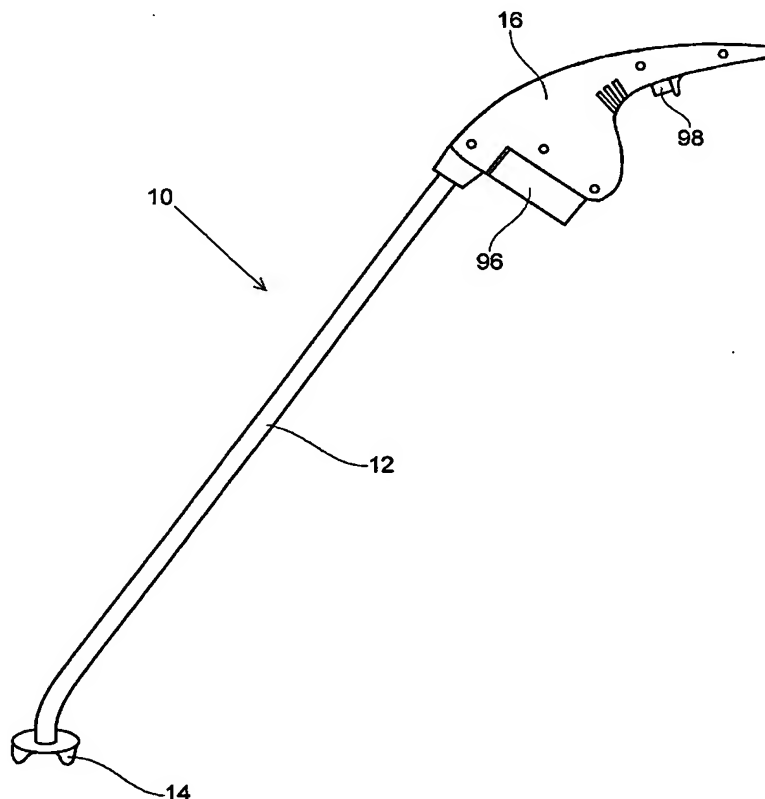
PCT

(10) International Publication Number
WO 2004/054348 A1

- (51) International Patent Classification⁷: **A01B 1/06**
- (21) International Application Number:
PCT/GB2003/005469
- (22) International Filing Date:
16 December 2003 (16.12.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
0229562.4 18 December 2002 (18.12.2002) GB
- (71) Applicants and
(72) Inventors: **AMOR, Colin** [GB/GB]; Beaucastle, Long Bank, Bewdley, Worcs DY12 2QS (GB). **ALLEN, John** [GB/GB]; 44 Leam Crescent, Solihull, West Midlands B92 8PD (GB).
- (74) Agent: **WATTS, Peter, Graham**; Anthony Cundy & Co., 1 Olton Bridge, 245 Warwick Road, Solihull, West Midlands B92 7AH (GB).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: ROTARY CULTIVATOR



(57) Abstract: A rotary cultivator (10) has an elongate tubular handle member (12), a cultivator tool (14) rotatably mounted at one end of the handle member (12) and an electric motor drive unit (16) mounted at the other end of the handle member (12), the handle member (12) being curved adjacent the end to which the cultivator tool (14) is mounted, a flexible drive element (22) extending within the tubular handle member (12), the flexible drive element (22) being connected directly at one end to the electric motor drive unit (16) and at the other end to the cultivator tool (14).

WO 2004/054348 A1